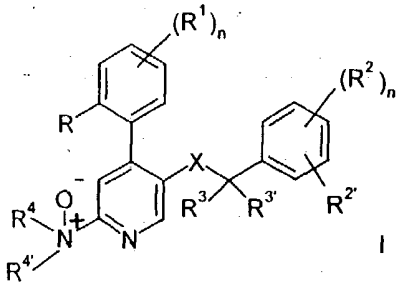
Claims for 10/616,276
My Case

## Claims

1. A compound of the formula



I

wherein

R is hydrogen, lower alkyl, lower alkoxy, halogen or trifluoromethyl;

$R^1$ is hydrogen or halogen; or

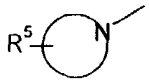
R and $R^1$ when adjacent, together with the ring carbon atoms to which they are attached are –CH=CH-CH=CH-;

$R^2$ and $R^{2'}$ are hydrogen, halogen, trifluoromethyl, lower alkoxy or cyano; or

$R^2$ and $R^{2'}$ when adjacent, together with the ring carbons to which they are attached are –CH=CH-CH=CH-, unsubsituted or substituted by one or two substituents selected from lower alkyl or lower alkoxy;

$R^3$ and $R^{3'}$ are hydrogen, lower alkyl or cycloalkyl;

$R^4$ and $R^{4'}$ together with the N-atom to which they are attached form a 5 member nitrogen containing heterocyclic ring of the structure



said heterocyclic ring having 0 or 1 additional hetero-atoms selected from sulfur, nitrogen and oxygen, said additional hetero-sulfur atom being a sulfonyl moiety;

$R^5$ is hydrogen, hydroxy, lower alkyl, -lower alkoxy, $-(CH_2)_mOH$, $-COOR^3$, $-CON(R^3)_2$ , $-N(R^3)CO$-lower alkyl or $-C(O)R^3$;

$R^6$ is lower alkyl;

X is $-C(O)N(R^6)-$ $-N(R^6)C(O)-$, $-(CH_2)_mO-$, $-O(CH_2)_m-$;

n is 0, 1, 2, 3 or 4; and



m is 1, 2 or 3;

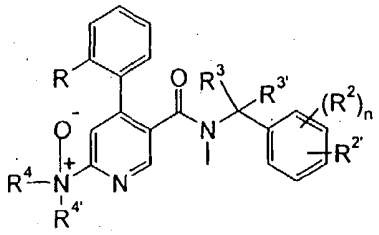
or a pharmaceutically acceptable acid addition salt thereof.

2. The compound of claim 1 wherein R is methyl.

3. The compound of claim 1 wherein R is chloro.

4. The compound of claim 1 wherein $R^2$ and $R^{2'}$ are adjacent and taken together with the rig carbons to which they are attached to form the group –CH=CH-CH=CH-.

5. The compound of claim 1 having the structure



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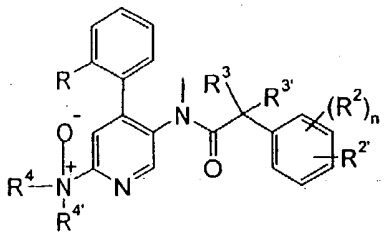
6. The compound of claim 5 wherein R is methyl.

7. The compound of claim 5 wherein R is chloro.

8. The compound of claim 5 wherein $R^2$ and $R^{2'}$ are adjacent and taken together with the rig carbons to which they are attached to form the group –CH=CH-CH=CH-.

9. The compound of claim 1 having the structure



Id

10. The compound of claim 9 wherein R is methyl.

11. The compound of claim 9 wherein R is chloro.

12. The compound of claim 9 wherein $R^2$ and $R^{2'}$ are adjacent and taken together with the rig carbons to which they are attached to form the group –CH=CH-CH=CH-.

13. The compound (RS)-6-[3-(acetyl-methyl-amino)-1-oxo-pyrrolidin-1-yl]-N-(3,5-bis-trifluoromethyl-benzyl)-N-methyl-4-o-tolyl-nicotinamide.

14. A method of inhibiting NK-1 receptor in an individual comprising administering to the individual compound of formula I according to claim 1.

15. A method of treating a disease responsive to antagonist modulation of the NK-1 receptor in a patient in need of such treatment comprising administering an effective amount of the compound of formula I according to claim 1 to the patient.

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